WHAT IS CLAIMED IS:

1. A chill tube made of copper for a continuous casting of metals, comprising:

a rectangular inner and outer cross section having rounded longitudinal edge regions as well as a nominal wall thickness, which amounts to 8% to 10% of a separation distance between inner surfaces lying facing each other frontally at a tube opening, the inner surfaces being placed indirectly under a heat-removing influence of a cooling medium suppliable from an outside to the tube wall, wherein the wall thickness in the longitudinal edge regions is dimensioned to be 10% to 40% less than the wall thickness of wall regions between the longitudinal edge regions.

2. The chill tube according to claim 1,wherein the wall thickness in the longitudinal edge regions is dimensioned to be 25% to 30% less than the wall thickness in the wall regions between the longitudinal edge regions.

3. The chill tube according to claim 1, wherein the wall thickness is reduced in the longitudinal edge regions and is limited to a height range, in which a level of a bath level of liquid metal lies.

4. A chill tube made of copper for a continuous casting of metals, comprising:

one of a multi-corner and round inner and outer cross section as well as a nominal wall thickness which amounts to 8% to 10% of a separation distance between inner surfaces lying frontally opposite each other at one of a tube opening and an inner diameter at the tube opening, the inner surfaces being placed indirectly under a heat-removing influence of a cooling medium suppliable from an outside of the tube wall, wherein in a height range of a bath level of liquid metal, the wall thickness is reduced over an entire circumference by 10% to 40% of the nominal wall thickness.

5. The chill tube according to claim 4, wherein in the height range of the bath level, the wall thickness is reduced over the entire circumference by 25% to 30% of the nominal wall thickness.

6. The chill tube according to claim 3, wherein the bath level in the height range lies up to 500 mm below a filling end face.

7. The chill tube according to claim 3, wherein the bath level in the height range lies between 80 mm and 180 mm below a filling end face.

8. The chill tube according to claim 2, wherein the wall thickness is reduced in the longitudinal edge regions and is limited to a height range, in which a level of a bath level of liquid metal lies.

9. The chill tube according to claim 4, wherein the bath level in the height range lies up to 500 mm below a filling end face.

10. The chill tube according to claim 5, wherein the bath level in the height range lies up to 500 mm below a filling end face.

11. The chill tube according to claim 4, wherein the bath level in the height range lies between 80 mm and 180 mm below a filling end face.

12. The chill tube according to claim 5, wherein the bath level in the height range lies between 80 mm and 180 mm below a filling end face.

13. The chill tube according to claim 6, wherein the bath level in the height range lies between 80 mm and 180 mm below a filling end face.